

# THE PHILIPPINE JOURNAL OF SCIENCE

VOLUME 33

MAY TO AUGUST 1927

WITH 34 PLATES AND 5 TEXT FIGURES



MANILA  
BUREAU OF PRINTING  
1927

## EDITORIAL BOARD

WILLIAM H. BROWN, PH.D., *Editor*

R. C. MCGREGOR, A.B., *Associate Editor*

ANNA B. BANYEA, *Copy Editor*

### *Chemistry*

ALBERT H. WELLS, A.B.; T. DAR JUAN, PHAR.D.; F. AGCAOILI, A.B.  
A. S. ARGÜELLES, B.S.; WALTER L. BROOKE, M.S.; F. D. REYES, B.S.  
A. P. WEST, PH.D.

### *Geology*

VICTORIANO ELICAÑO, B.S.; LEOPOLDO A. FAUSTINO, E.M., PH.D.

### *Experimental Medicine*

OTTO SCHÖBL, M.D.; H. W. WADE, M.D.; F. G. HAUGHWOUT  
EDWARD B. VEDDER, M.A., M.D., D.Sc.; A. P. HITCHENS, M.D.  
STANTON YOUNGBERG, D.V.M.; ARTURO GARCIA, M.D.  
DANIEL DE LA PAZ, M.D.; CRISTOBAL MANALANG, M.D.

### *Clinical Medicine*

LIBORIO GOMEZ, M.D., PH.D.; F. CALDERON, B.A., L.M.  
JACOBO FAJARDO, M.D.; VICENTE DE JESUS, M.D.; JOSÉ ALBERT, M.D.  
H. LARA, M.D.; JOSÉ RODRIGUEZ, M.D.

### *Botany*

L. M. GUERRERO, PHAR.D.; C. F. BAKER, M.A.; A. F. FISHER, C.E., M.F.  
J. K. SANTOS, PH.D.; P. L. SHERMAN, PH.D.; EDUARDO QUISUMBING, PH.D.  
JOAQUIN MARAÑON, PH.D.; RAFAEL B. ESPINO, PH.D.

### *Zoölogy*

ALBERT C. HERRE, PH.D.; W. SCHULTZE; C. F. BAKER, M.A.  
LEOPOLDO B. UICHANCO, M.S., Sc.D.; MARCOS A. TUBANGUI, D.V.M.  
MANUEL D. SUMULONG, M.S., D.V.M.

### *Anthropology*

H. O. BEYER, M.A.; OTTO JOHNS SCHEERER, M.A.

# CONTENTS

No. 1, May, 1927

[Issued June 10, 1927.]

	Page.
FAUSTINO, LEOPOLDO A. Philippine coal resources and their exhaustion .....	1
One plate and five text figures.	
MANALANG, C. Ancylostomiasis: Relation between number of ova per gram of formed stool and number of female worms harbored by the host, I.....	35
MANALANG, C. Ancylostomiasis: Relation between number of ova per gram of formed stool and number of female worms harbored by the host, II.....	47
EGGERS, HANS. Neue Indo-Malayische Borkenkäfer (Ipidæ), H. Nachtrag .....	67
FUNKHOUSER, W. D. New Philippine Membacidæ (Homoptera)....	109
Four plates.	

No. 2, June, 1927

[Issued June 28, 1927.]

MACFARLANE, J. M. The Philippine species of Nepenthes.....	127
COPELAND, E. B. Nomenclature of the abacá plant.....	141
PARÁS, ERNESTO M. Blood-chemistry studies in leprosy, II. The alkali reserve.....	155
ORETA, ADELAIDA T., and AUGUSTUS P. WEST. Salts of alpha linolic tetrabromide (sodium, potassium, zinc, barium, calcium, and strontium) from Philippine lumbang oil.....	169
AGUILAR, R. H. Composition and comparative service value under Philippine conditions of some imported prepared paints.....	177
Seven plates.	
HERRE, ALBERT W., and HERACLIO R. MONTALBAN. The Philippine species of Kuhlidiæ.....	199
One plate.	
ELLIOTT, E. A. New Stephanidæ from Borneo and the Philippine Islands, II.....	211

No. 3, July, 1927

[Issued July 15, 1927.]

YASUYAMA, K. Inquiry into the serologic side-effects of the anti-rabic preventive treatment.....	233
MANALANG, C. Observations on the development of ascaris ova.....	249



	Page.
ALMORADIE, PEDRO R., and AUGUSTUS P. WEST. Salts of linolenic hexabromide (calcium, magnesium, strontium, and nickel) from Philippine lumbang oil.....	257
SANTIAGO, SIMEONA, and AUGUSTUS P. WEST. Chaulmoogryl amino benzoic acids and chaulmoogra anilides.....	265
COCKERELL, T. D. A. Hymenoptera from Lucban, Philippine Islands..	271
TYLER-TOWNSEND, CHARLES H. New Philippine Muscoidea.....	279
ALEXANDER, CHARLES P. New or little-known Tipulidæ from the Philippines (Diptera), Part IV.....	291
Two plates.	
GRANDI, GUIDO. Hyménoptères Sycophiles récoltés aux Iles Philippines par C. F. Baker, I. Agaonini. 22 <sup>me</sup> contribution a la connaissance des insectes des figuiers.....	309
Seven plates.	

#### No. 4, August, 1927

[Issued August 30, 1927.]

GARCIA, ONOFRE. A pleomorphic and gas-forming bipolar bacillus isolated from the lymph glands of slaughtered cattle.....	331
Two plates.	
JOVELLANOS, CEFERINO M., and AUGUSTUS P. WEST. Salts of alpha linolic tetrabromide (cadmium, cobalt, copper, magnesium, and manganese) from Philippine lumbang oil.....	349
MARAÑON, JOAQUIN. The bitter principle of makabuhay, <i>Tinospora rumphii</i> Boerlage.....	357
DEL MUNDO, SALVADOR. Notes on the analysis of phenol (carbolic acid) .....	363
FAUSTINO, LEOPOLDO A. Notes on Cebu coals.....	375
ESPINOSA, JOSÉ C. Comparative strength properties of the principal Philippine commercial woods.....	381
One plate.	
HERRE, ALBERT W., and HERACLIO R. MONTALBAN. Philippine sparrow and rudder fishes.....	397
Nine plates.	
ERRATA .....	443
INDEX .....	445